

Converting Colors

Hex(25E5F6)

Have a look what the booklet for
Hex(25E5F6) contains.

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Color

Hex(25E5F6)

Conversions

Conversions Part 1

Format	Color
Hex	25E5F6
RGB	37, 229, 246
RGB Percent	15%, 90%, 96%
CMY	0.8549, 0.1020, 0.0353
CMYK	0.85, 0.07, 0.00, 0.04
HSL	185°, 92%, 55%
HSV	185°, 85%, 96%
XYZ	45.4168, 63.0858, 96.9718
YIQ	173.5300, -119.8890, -35.4170

Conversions

Conversions Part 2

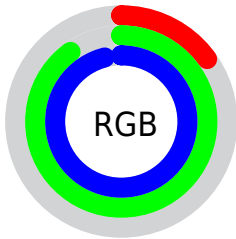
Format	Color
R _Y B	37, 137, 246
Decimal	2483702
CIE Lab	83.49, -37.93, -20.89
CIE LCh	83, 43.302, 208.849
Yxy	63.0858, 0.2210, 0.3070
Android (android.graphics.Color)	4280673782 (0xFF25E5F6)
YUV	173.5300, 35.7277, -119.7368
Hunter-Lab	79.4265, -36.9285, -16.7886

Details


The Hex color **25E5F6** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F63625**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **7CFFFF**, and **00ADBE** is the 20% darker color. If you saturate the color by 10%, you get **0CE3F6**, and if you desaturate by 10%, it is **3EE7F6**.

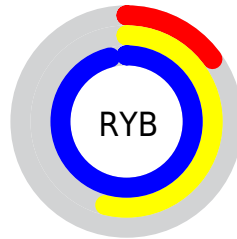
Distribution



 Red (15%)

 Green (90%)

 Blue (96%)




 Red (15%)

 Yellow (54%)

 Blue (96%)

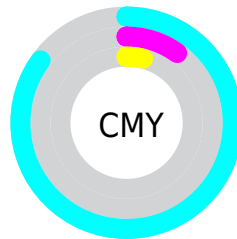


 Cyan (85%)


 Magenta (7%)

 Yellow (0%)

 Black (4%)



 Cyan (85%)

 Magenta (10%)

 Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25E5F6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 25E5F6 by changing the saturation by 10% instead.

 25E5F6

 25E5F6


FFFFFF

 00C9DA

 7CFFFF

 00ADBE

 9EFFFF

 0092A3

 BFFFFFF

 007888

 DFFFFFF

 005E6F

 004657

 002F3F

 001629

 000114

 25E5F6

 25E5F6

 0CE3F6

 3EE7F6

 00E2F6

 56E9F6

 6FEBF6

 87EDF6

 A0EFF6

 B9F1F6

 D1F3F6

 EAF5F6

 FFF7F6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5BE6CD



25E5F6



4ADFFF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25E5F6



FFB8FB



ECCD7E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25E5F6



F63625

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBF8B



25E5F6



FFB1D3

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25E5F6



D2C6FF



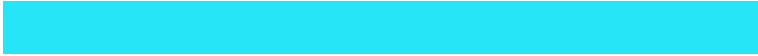
FFB3AB



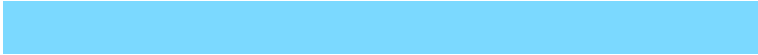
C2D987

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25E5F6



7BD9FF



FFB3AB



F9C880

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25E5F6



BFFAFF



25F633



597C80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25E5F6



00EAFB



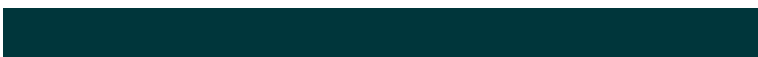
2580F6



6E797A



00ABBA



00363B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F625E5



FF00EA



F69B25



7A6E79



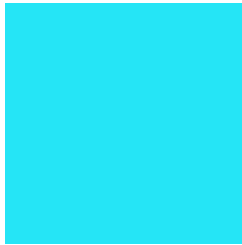
BA00AB



3B0036

Previews

White Background



This preview shows how the Hex color 25E5F6 looks on a white background.

Color Contrast Check

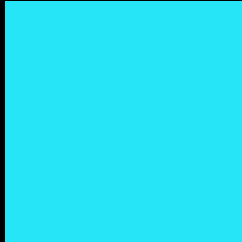
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 25E5F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 25E5F6 Background



This preview shows how black text looks on a background with the Hex color 25E5F6.

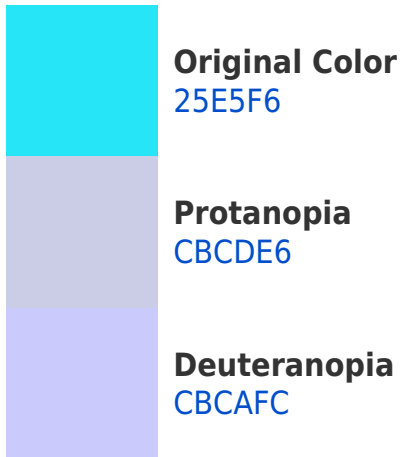


This preview shows how white text looks on a background with the Hex color 25E5F6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



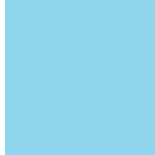


Tritanopia
27E5F7

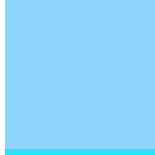
Trichromacy



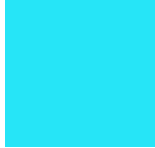
Original Color
25E5F6



Protanomaly
8FD6EC



Deuteranomaly
8FD4FA

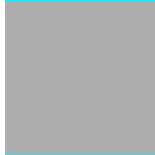


Tritanomaly
26E5F7

Monochromacy



Original Color
25E5F6



Achromatopsia
AEAEAE



Achromatomaly
7CC2C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 25E5F6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #25E5F6 looks like.

```
.text, #text, p{  
    color:#25E5F6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #25E5F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25E5F6
}
```

Border

The CSS property to change the border of an element to Hex 25E5F6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25E5F6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#25E5F6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #25E5F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25E5F6; -webkit-box-shadow:4px 4px  
4px 4px #25E5F6; box-shadow:4px 4px 4px  
4px #25E5F6 }
```

Background

The CSS property to change the background color of an element to Hex 25E5F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25E5F6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#25E5F6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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